

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application for Reissue of:

Patent of : Judy L. Westby et al.

Patent No. : 6,324,669

Application No. : 09/193,446

Filed : November 17, 1998

For : METHOD AND APPARATUS FOR  
USING CRC FOR DATA INTEGRITY  
IN ON-CHIP MEMORY

Docket No.: S104.12-0061

ASSENT OF ASSIGNEE TO REISSUE, OFFER TO SURRENDER AND  
POWER OF ATTORNEY AND STATEMENT UNDER 37 CFR §3.73(b)

Mail Stop Reissue  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

Express Mail No. EV178025325US

Seagate Technology LLC., owner of the entire right, title, and interest, by assignment, in the United States Letters Patent No. 6,324,669, granted November 27, 2001, hereby assents to the filing of present reissue application and hereby offers to surrender said Letters Patent.

Seagate Technology LLC. hereby revokes all former Power of Attorney and appoints the following attorneys and/or agents:

Shawn B. Dempster, Registration No. 34,321	Raghunath S. Minisandram, Registration No. 38,683
Derek J. Berger, Registration No. 45,401	Mitchell K. McCarthy, Registration No. 38,794
Kirk A. Cesari, Registration No. 47,479	Carol I. Bordas, Registration No. 37,284
Paul T. Dietz, Registration No. 38,858	Jennifer M. Buenzow, Registration No. 50,124
David K. Luente, Registration No. 36,202	Joseph F. Villella, Jr., Registration No. 30,599
Jesus Del Castillo, Registration No. 51,604	Brendan J. Hanley, Registration No. 52,429

And members of the firm of Westman, Champlin & Kelly, P.A.:  
Judson K. Champlin, Reg. No. 34,797; Joseph R. Kelly, Reg. No.

-2-

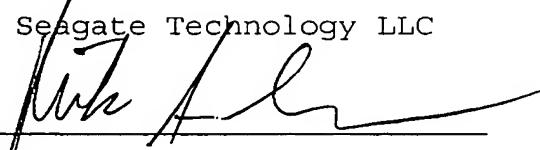
34,847; Nickolas E. Westman, Reg. No. 20,147; Steven M. Koehler, Reg. No. 36,188; David D. Brush, Reg. No. 34,557; John D. Veldhuis-Kroeze, Reg. No. 38,354; Deirdre Megley Kvale, Reg. No. 35,612; Theodore M. Magee, Reg. No. 39,758; Christopher R. Christenson, Reg. No. 42,413; Brian D. Kaul 41,885; Robert M. Angus, Reg. No. 24,383; Christopher L. Holt, Reg. No. 45,844; Alan G. Rego, Reg. No. 45,956; David C. Bohn, Reg. No. 32,015; Linda P. Ji, Reg. No. 49,027; Todd R. Fronek, Reg. No. 48,516; Nathan M. Rau, Reg. No. 45,466; Leanne R. Taveggia, Reg. No. 53,675; Z. Peter Sawicki, Reg. No. 30,214; and Peter J. Ims, Reg. No. 48,774 with full power of substitution and revocation to prosecute said reissue application, to make alteration and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Pursuant to 37 C.F.R. 35 §3.73(b), Seagate Technology LLC, a corporation certifies that it is the assignee of the entire right, title and interest of the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. The assignment was recorded at Reel 010979, Frame 0073.

Please direct all communications to Joseph R. Kelly, International Centre - Suite 1600, 900 Second Avenue South, Minneapolis, Minnesota 55402. Please direct all telephone calls to Joseph R. Kelly at telephone number (612)330-0482.

The undersigned is authorized to act on behalf of Assignee.

Date: 11-26-03

Seagate Technology LLC  
By: 

Its:

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Judy L. Westby et al.

Filed : Herewith

For : METHOD AND APPARATUS FOR  
USING CRC FOR DATA INTEGRITY  
IN ON-CHIP MEMORY

Docket No.: S104.12-0061

REISSUE APPLICATION DECLARATION BY THE INVENTOR

Mail Stop Reissue  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Express Mail No. EV178025325US

I hereby declare that:

1. Each inventor's residence, mailing address and citizenship are stated below next to their name.
2. I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,324,669, granted November 27, 2001 and for which a reissue patent is sought on the invention entitled METHOD AND APPARATUS FOR USING CRC FOR DATA INTEGRITY IN ON-CHIP MEMORY, the specification of which is attached hereto.
3. I have reviewed and understand the contents of the above-identified specification, including the claims as amended by the preliminary amendment submitted herewith.
4. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.
5. I verily believe the original patent to be wholly or partly inoperative or valid, for the reasons described below by reason of the patentee claiming less than he had the right to claim in the patent.
6. At least one error upon which reissue is based is described below.

A number of the independent claims restrict the invention to a serial communications system having a cyclic-redundancy code (CRC). However, a

CRC is but one data protection code that can be used on a serial communication channel, and the claims should not have been so limited.

7. All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.
8. As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

**REVOCATION OF PRIOR POWERS OF ATTORNEY**  
all powers of attorney previously given are hereby revoked and

**NEW POWER OF ATTORNEY**  
the following practitioners/patent agent are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Shawn B. Dempster, Registration No. 34,321	Raghunath S. Minisandram, Registration No. 38,683
Derek J. Berger, Registration No. 45,401	Mitchell K. McCarthy, Registration No. 38,794
Kirk A. Cesari, Registration No. 47,479	Carol I. Bordas, Registration No. 37,284
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David K. Lucente, Registration No. 36,202	Joseph F. Villella, Jr., Registration No. 30,599
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And members of the firm of Westman, Champlin & Kelly, P.A.: Judson K. Champlin, Reg. No. 34,797; Joseph R. Kelly, Reg. No. 34,847; Nickolas E. Westman, Reg. No. 20,147; Steven M. Koehler, Reg. No. 36,188; David D. Brush, Reg. No. 34,557; John D. Veldhuis-Kroeze, Reg. No. 38,354; Deirdre Megley Kvale, Reg. No. 35,612; Theodore M. Magee, Reg. No. 39,758; Christopher R. Christenson, Reg. No. 42,413; Brian D. Kaul, Reg. No. 41,885; Robert M. Angus, Reg. No. 24,383; Christopher L. Holt, Reg. No. 45,844; Alan G. Rego, Reg. No. 45,956; David C. Bohn, Reg. No. 32,015; Todd R. Fronek, Reg. No. 48,516; Linda P. Ji, Reg. No. 49,027; Nathan M. Rau, Reg. No. 45,466; and Leanne R. Taveggia, Reg. No. 53,675; Z. Peter Sawicki, Reg. No. 30,214; and Peter J. Ims, Reg. No. 48,774.

9. Correspondence Address: Direct all communication about the application to:

## Firm or Individual Name

Joseph R. Kelly  
WESTMAN, CHAMPLIN & KELLY, P.A.  
Suite 1600 - International Centre  
900 Second Avenue South  
Minneapolis, Minnesota 55402-3319 U.S.A.  
Phone: (612) 334-3222 Fax: (612) 334-3312

10. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of inventor: Judy Lynn Westby

Inventor's Signature: Judy Lynn Westby

Residence: Bloomington, Minnesota Citizenship: U.S.A.

Mailing Address: 7906 W. 111<sup>st</sup>, Bloomington, MN 55438

Full name of inventor: Michael H. Miller

Inventor's Signature: Michael H. Miller

Residence: Eden Prairie, Minnesota Citizenship: U.S.A.

Mailing Address: 6850 Park View Lane, Eden Prairie, MN 55346